

**SUBJECT: PERFORMANCE TESTING OF SULFUR HEXAFLUORIDE
MITIGATING TECHNOLOGIES**

DESC: The Environmental Technology Verification Program (ETV), in existence since 1995, is administered by the U.S. Environmental Protection Agency's Office of Research and Development. It is funded by Congress in response to the belief that there are many viable environmental technologies available that are underutilized due to the lack of credible third-party performance testing. Southern Research Institute operates one of twelve ETV Centers, the Greenhouse Gas Technology Verification Center (GHG Center), in partnership with the EPA's Air Pollution Prevention and Control Division. The mission of the GHG Center is to provide independent performance verification capability to vendors and others that need reliable performance information on greenhouse gas control technologies and emission monitoring devices.

The GHG Center is planning to verify technologies that mitigate sulfur hexafluoride (SF₆) emissions from circuit breakers and switchgear at electrical substations. The Center is accepting applications from manufacturers of SF₆ recycling and monitoring equipment wishing to participate in independent performance tests. Technology verification tests are planned to determine SF₆ removal efficiency, recharging efficiency, gas contamination levels (e.g., particulate, moisture, and oil), and other performance and operating characteristics. Vendors with commercial technologies wishing to participate in these tests should complete and submit a pre-application form available on the Center's Web site (<http://www.sri-rtp.com/index.html>), and contact Ms. Sushma Masemore at 919-403-0282.